



**Vermont Department of Environmental Conservation**

Watershed Management Division

Barre Regional Office

5 Perry Street, Suite 80

Barre, VT 05641

www.watershedmanagement.vt.gov

Agency of Natural Resources

[phone] 802-476-0190

[fax] 802-476-0131

[cell] 802-279-1143

**AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES**

Pursuant to Section C.2.2 of the VT Stream Alteration General Permit (Reporting activities not requiring an application)

Project Number: SA-03- 120 -2015

Applicant Name: TOWN OF GROTON c/o BRENT SMITH

Mailing Address: 1476 SCOTT HWY, GROTON, VT. Phone: (802) 584-3249

Project Location RAILROAD STREET Email: grotonhwy@fairpoint.net

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

1. This project authorizes the replacement of an undersized culvert with a 10'-3" x 6'-9" Pipe-Arch embedded 18" & infilled.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit.
3. The proposed activity will meet the terms and conditions of the General Permit provided:
  - a) The project will be completed and approved as shown on the plan dated May 2015, prepared by TOWN OF GROTON & PATRICK ROSS, and approved by the Vermont Agency of Natural Resources.
  - b) The project will not adversely affect the public safety by increasing flood hazards.
  - c) The project will not significantly damage fish life or wildlife.
  - d) The project will not significantly damage the rights of riparian owners.
  - e) The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
  - f) The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the VT Water Quality Standards.
  - g) The ANR River Management Engineer is notified by phone or email when construction begins and when the project is complete.
  - h) A final construction inspection is required for all culvert and bridge projects.
  - i) In-stream working dates are from June 1<sup>st</sup> through October 1<sup>st</sup>; any in-stream work outside these dates will require an Individual Stream Alteration Permit authorization by the River Management Engineer.
  - j) This authorization has been posted for three days public comment. This authorization constitutes final approval.
  - k) Additional Conditions for this project: N/A

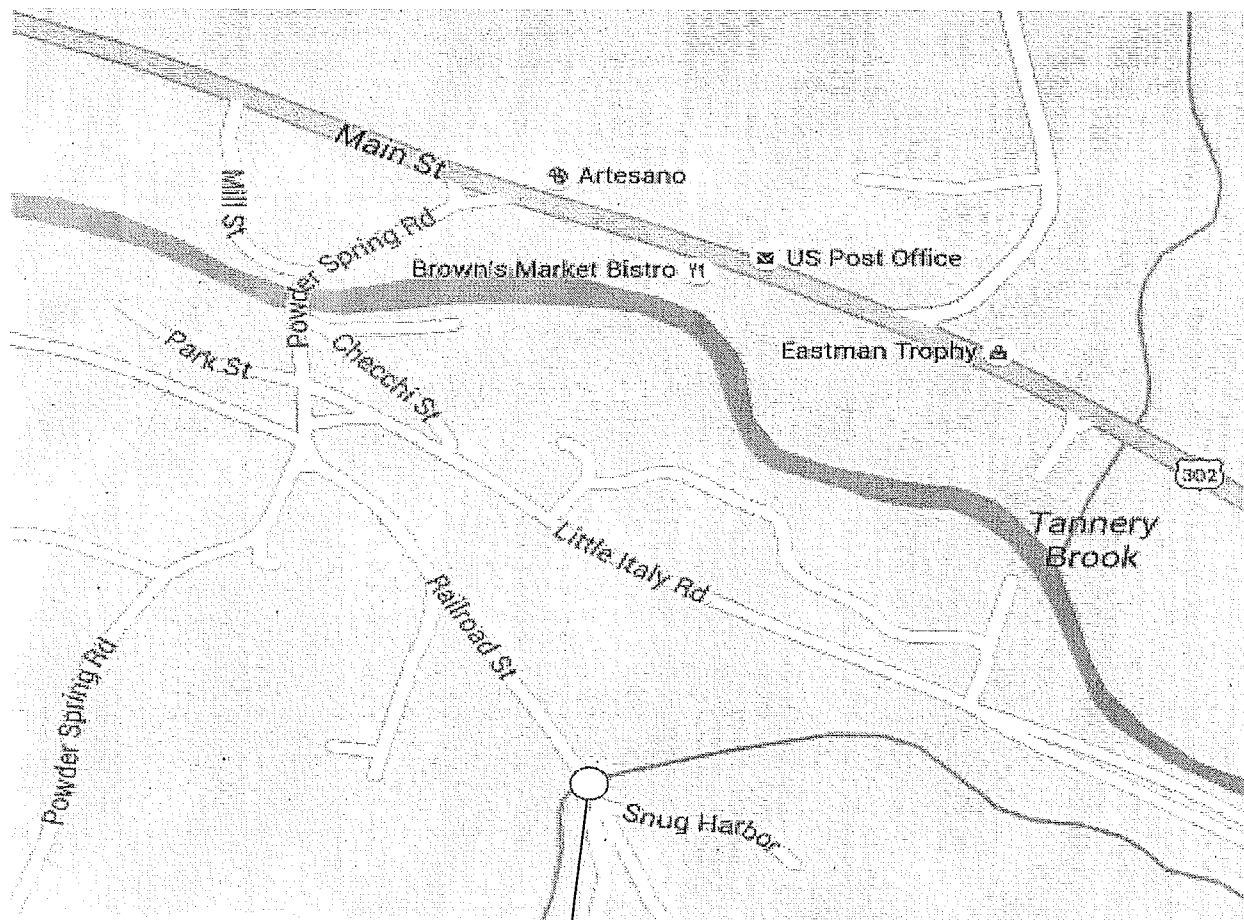
If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

David K. Mears, Commissioner

Department of Environmental Conservation

by: Patrick J. Ross, P.E. dated: 5-13-15  
Patrick Ross, P.E., River Management Engineer



Project located on Railroad Street  
in Groton, Vermont

## Town of Groton – Railroad Street Culvert Replacement Project

Mandatory project pre-bid meeting on \_\_\_\_\_

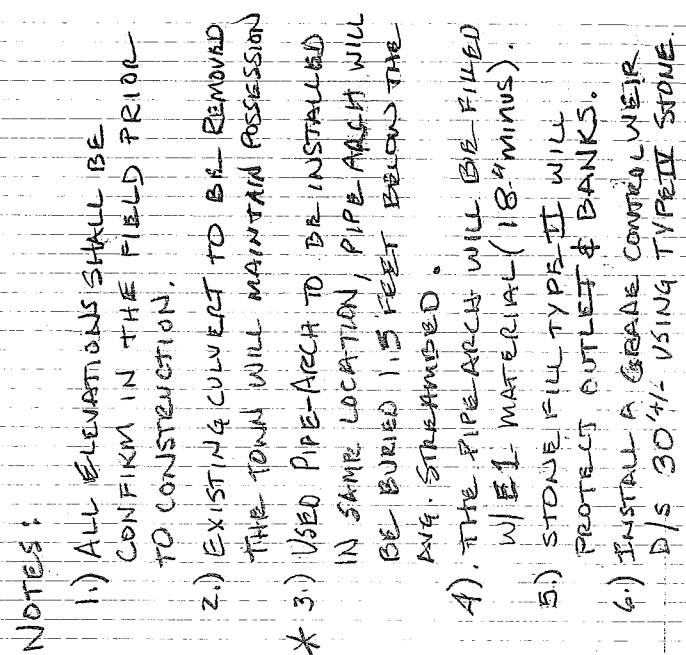
All bids are due on June \_\_\_\_\_, 2015 by 4pm, at the Groton town clerk's office.

Project related question should be directed to Brent Smith at (802)-584-3209

5-12-2015  
GROTON, VERMONT  
RAILROAD STREET

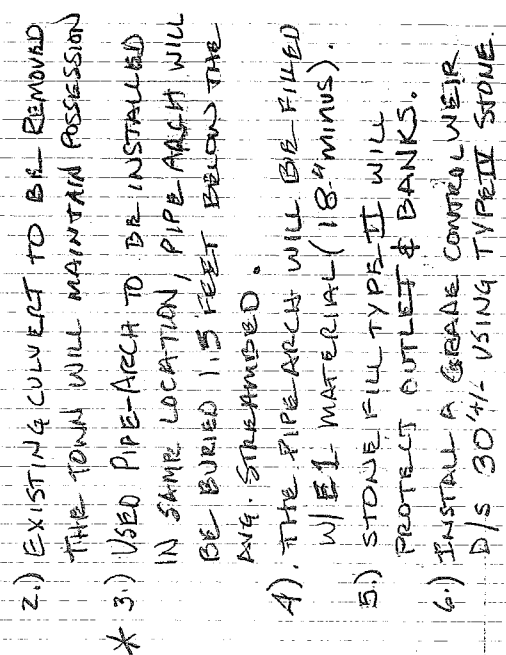
GROTON, VERMONT  
RAILROAD STREET

Chin



- 1.) ALL ELEVATIONS SHALL BE CONFIRM IN THE FIELD PRIOR TO CONSTRUCTION.
- 2.) EXISTING CULVERT TO BE REMOVED THE TOWN WILL MAINTAIN POSSESSION
- \* 3.) USED PIPE-ARCH TO BE INSTALLED IN SAME LOCATION, PIPE ARCH WILL BE BURIED 1.5 FEET BELOW THE AVG. STREAMBED.
- 4.) THE PIPE-ARCH WILL BE FILLED W/ #1 MATERIAL (18" MINUS).
- 5.) STONE FILL TYPE II WILL PROTECT OUTLET & BANKS.
- 6.) INSTALL A GRADE CONTROL WEIR D/S 30' +/- USING TYPE II STONE

1.) ALL ELEVATIONS SHALL BE  
CONFIRM IN THE FIELD PRIOR



SCALE:  
1" = 10' H  
1" = 5' V